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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Sylvain SARDA  
Serial No.: 09/455,408  
Filed: December 6, 1999  
For: METHOD FOR MODELLING FLUID FLOWS IN A  
FRACTURED MULTILAYER POROUS MEDIUM AND  
CORRELATIVE INTERACTIONS IN A PRODUCTION WELL  
Art Unit: 2123  
Examiner: Herng Der Day

**RECEIVED**  
JUN 17 2004

Technology Center 2100

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

June 10, 2004

Sir:

This is in response to the Office Action of March 10, 2004. Please amend the above-identified application as listed below and as set forth on the following pages:

Amendments to the Specification and Abstract

Amendments to the Claims

Remarks are included following the amendments